

## Conference Committee

### Chief Patrons

**Dr. S. Cletus Babu**  
Chairman  
SCAD Group of Institutions

**Mr. C. Arun Babu**  
Managing Director  
SCAD Group of Institutions

**Mrs. C. Anandhi Babu**  
HR Director  
SCAD Group of Institutions

### Patrons

**Mrs. J.J. Menandez**  
Executive Director  
SCAD Group of Institutions

**Mr. A. Ignatious Xavier**  
General Manager-Finance  
SCAD Group of Institutions

**Dr. K. Jeyakumar**  
Professor & General Manager  
(Development)  
SCAD Group of Institutions

**Mr. S. Krishna Kumar**  
Assistant General Manager  
SCAD Group of Institutions

**Prof. J. Monimoran**  
Principal/AGM, SCAD Campus

**Prof. S. Jeya Pandi**  
Administrative Officer  
SCAD College of Engineering and  
Technology

### Conference Chair

**Dr. A. George Klinton**  
Principal  
St. Mother Theresa Engineering College  
Tuticorin, India

### Advisory Committee

**Dr. K. Porkumaran**, Chairman, IEEE  
Madras Section & Professor and Principal,  
Sri Sairam Engineering College, Chennai.

**Dr. R. Hariprakash**, Secretary, IEEE  
Madras Section & Bharath Institute of Higher  
Education and Research, Chennai.

**Dr. S. Radha**, Treasurer, IEEE Madras  
Section & Professor & Head, SSN College of  
Engineering, Chennai.

**Dr. MD. Al-Amin**, Shahjalal University of  
Science and Technology, Sylhet,  
Bangladesh.

**Dr. Alexander Kalashnikov**, Sheffield  
Hallam University, England.

**Dr. Xiao-Zhi Gao**, Lappeenranta University  
of Technology, Finland.

**Dr. Joao Manuel R. S. Tavares**, University  
of Porto, Portugal.

## About the Conference

The Second International Conference on Electronics and Renewable systems (ICEARS 2023) is a new annual conference organized by St. Mother Theresa Engineering College, Thoothukudi, India. The theme of the conference is "Smart Electronics and renewable energy systems for sustainable development" and the event will be held on 2-4, March 2023 at Thoothukudi, Tamil Nadu, India. The conference theme is "Smart Electronics and renewable energy systems for sustainable development". The Conference primarily focuses on the state-of-the-art technologies, methods, strategies, and challenges faced by Smart Electronics systems, Electric Drives, Smart Grids, Renewable Energy resources, micro-grids and the interconnection to modern power systems and also the operation of the smart grid models for a smarter and more user and environment-friendly electronics and energy systems. Focus areas of the conferences are smart electronic converters and control systems, Smart Grid, Renewable energy Resources, Distributed networking and Interconnection, Electric vehicles, Energy storage & charging models, Power electronic models and other related technologies and applications for further development in the broad area of smart electronics and renewable energy systems.

## About the College

St. Mother Theresa Engineering College (MTEC) was established in 2009 with the endeavour to bring out social change and development in the vicinity of Thoothukudi. The College is located on Thoothukudi-Tirunelveli National Highway (NH 7A). It is well connected to all the neighbouring towns and is easily accessible by Road, Rail and Air. The College has achieved a marvellous growth since the time of inception with six branches of Engineering and many more in the days to come. Sophisticated class rooms, well equipped laboratories, qualified and dedicated faculty members are contributing to the holistic development of our student community.

## Keynote Speakers

**Dr. K. Porkumaran**,  
Chairman, IEEE Madras Section &  
Professor and Principal, Sri Sairam Engineering College,  
Chennai.

**Dr. D. Nirmal**  
Exe Com Member, IEEE Madras Section &  
Professor and Head,  
Karunya Institute of Technology and Sciences,  
Coimbatore,  
India.

**Dr. Ke-Lin Du**  
Affiliate Associate Professor,  
Department of Electrical and Computer Engineering,  
Concordia University,  
Montreal,  
Canada.

**V. Valanarasu**  
Infosys,  
India.

## Publication

All registered and presented papers will be submitted for inclusion into IEEE Xplore.

## Previous Publication Link

ICEARS 2022 Publication  
<https://ieeexplore.ieee.org/xpl/conhome/9751779/proceeding>

## Call for Papers

### Smart Electronics

Advanced Sensor Systems  
Micro/Nano Electronics  
Advanced Sustainable and Reliable VLSI Systems  
Internet of Things [IoT] for Smart Consumer  
Electronics  
Electronic Circuits and Systems for Information  
Security  
Intelligent Robotics and Autonomous Systems  
Cyber Physical Systems  
3D IC and Interconnection Network Design  
Electronic Design Automation (EDA)  
Low-power Wearable and Implantable Systems  
Networked and Distributed Intelligent Control

### Renewable Systems

Hybrid Energy Systems  
Micro-grid and Smart Grid Systems  
Electric Vehicles  
Distributed Generation and Smart Grid  
Interconnection  
Efficient Energy Storage Techniques  
Power Quality and EMI  
Smart Energy Policies & Standards  
Power Electronic Converters  
Power System Operation & Control  
Optimization Techniques  
Applications of Control Theory  
Renewable Energy Resources

## Submission Guidelines

Papers must report a substantial advance in an area of novel electronics and renewable systems that is both original and significant. Access the ICEARS 2023 Call for Papers before submitting your paper to the conference.

Authors, shall submit the papers to the conference via  
Email: [icears.con@gmail.com](mailto:icears.con@gmail.com)

## Registration Fee Details

For registration fee refer the following link  
<http://icears.com/2023/registration.php>

## Venue

St. Mother Theresa Engineering College  
Mudivaithanendal Post, Vagaikulam,  
Tuticorin, Tamil Nadu, India - 628 102.

## Contact

**Prof. A. Somasundaram**  
Assistant Professor/EEE,  
St. Mother Theresa Engineering College,  
Tuticorin, India.

[icears.con@gmail.com](mailto:icears.con@gmail.com)  
+91-7708058505